CLINICAL IMAGING

Contents

VOLUME 19, NUMBER 1, 1995

ORIGINAL ARTICLES

1 **CT Appearance of Kikuchi-Fujimoto Disease**
Thomas A. Kim, Anthony R. Lupetin, and Camilla Graham

4 **Calcified Soft Tissue Leiomyoma of the Shoulder Mimicking a Chondrogenic Tumor**
Edward H. De Mouy, Kuniyuki Kaneko, and Raoul P. Rodriguez

8 **Massive Rotator Cuff Tears: Screening by Routine Radiographs**
Kuniyuki Kaneko, Edward H. De Mouy, and Michael E. Brunet

12 **Enhancing Transdural Lumbar Disk Herniation**
Ruth D. Snow, J. Powell Williams, Eric D. Weber, and Patti H. Richardson

17 **CT and MRI Manifestations of Primary Pulmonary Plasmacytoma**
Kanji Egashira, Keiko Hirakata, Hajime Nakata, Shoko Kawanami, Tetsuya Mitsudomi, Shigeo Nakano, and Masato Ohno

20 **Infected Aortic Aneurysm: Case Report and Imaging Evaluation**
Shawn M. Rayder

25 **Thymic Carcinoid Tumors with Bone Metastases: A Report of Two Cases**
Bassem A. Georgy, Giovanna Casola, and John R. Hesselink

30 **Abdominal Manifestations of Sarcoidosis: CT Appearances**
J. Farman, G. Ramirez, J. Brunetti, J. Tuvia, C. Ng, and H. Rotterdam

34 **Gastric Emphysema Due to Necrosis from Massive Gastric Distention**
Vincent H.S. Low and Richard I. Thompson

37 **Intraspinal Gas Associated with Intestinal Necrosis Detected by CT**
Yousuke Kakitsubata, Sachiko Kakitsubata, and Katsushi Watanabe

40 **Bilateral Large Bochdalek Hernias in an Adult: CT Demonstration**
R.N. Sener, C. Tugran, I. Yorulmaz, A. Dagdeviren, and S. Orguc

43 **Inflammatory Pseudotumor of the Liver: Ultrasound and CT Features**
Jae Hoon Lim and Ju Hee Lee

47 **Postoperative Renal Artery Stump Leak**
Charles M. O'Malley and Leon Love

50 **Atypical Lipomas, Liposarcomas, and Other Fat-Containing Sarcomas: CT Analysis of Fat Element**
Shigeru Ehara, Andrew E. Rosenberg, and Susan V. Kattapuram

CLINICAL IMAGING

Contents

VOLUME 19, NUMBER 1, 1995

ORIGINAL ARTICLES

1 **CT Appearance of Kikuchi-Fujimoto Disease**
Thomas A. Kim, Anthony R. Lupetin, and Camilla Graham

4 **Calcified Soft Tissue Leiomyoma of the Shoulder Mimicking a Chondrogenic Tumor**
Edward H. De Mouy, Kuniyuki Kaneko, and Raoul P. Rodriguez

8 **Massive Rotator Cuff Tears: Screening by Routine Radiographs**
Kuniyuki Kaneko, Edward H. De Mouy, and Michael E. Brunet

12 **Enhancing Transdural Lumbar Disk Herniation**
Ruth D. Snow, J. Powell Williams, Eric D. Weber, and Patti H. Richardson

17 **CT and MRI Manifestations of Primary Pulmonary Plasmacytoma**
Kanji Egashira, Keiko Hirakata, Hajime Nakata, Shoko Kawanami, Tetsuya Mitsudomi, Shigeo Nakano, and Masato Ohno

20 **Infected Aortic Aneurysm: Case Report and Imaging Evaluation**
Shawn M. Rayder

25 **Thymic Carcinoid Tumors with Bone Metastases: A Report of Two Cases**
Bassem A. Georgy, Giovanna Casola, and John R. Hesselink

30 **Abdominal Manifestations of Sarcoidosis: CT Appearances**
J. Farman, G. Ramirez, J. Brunetti, J. Tuvia, C. Ng, and H. Rotterdam

34 **Gastric Emphysema Due to Necrosis from Massive Gastric Distention**
Vincent H.S. Low and Richard I. Thompson

37 **Intraspinal Gas Associated with Intestinal Necrosis Detected by CT**
Yousuke Kakitsubata, Sachiko Kakitsubata, and Katsushi Watanabe

40 **Bilateral Large Bochdalek Hernias in an Adult: CT Demonstration**
R.N. Sener, C. Tugran, I. Yorulmaz, A. Dagdeviren, and S. Orguc

43 **Inflammatory Pseudotumor of the Liver: Ultrasound and CT Features**
Jae Hoon Lim and Ju Hee Lee

47 **Postoperative Renal Artery Stump Leak**
Charles M. O'Malley and Leon Love

50 **Atypical Lipomas, Liposarcomas, and Other Fat-Containing Sarcomas: CT Analysis of Fat Element**
Shigeru Ehara, Andrew E. Rosenberg, and Susan V. Kattapuram

54 **MRI of Radiation-Induced Prostate Sarcoma**
Hanh Vu Nghiem, F. Graham Sommer, and John C. Moretto

57 **Changes in Diagnostic Imaging Routines of the Stomach and the Large Bowel during the Period between 1975 and 1992**
Bjørg Vinje, Tor Erik Gudmundsen, Fred Arne Halvorsen, Hans Kristian Pedersen, and Harald Østensen

REVIEW

60 **CT of Renal Metastatic Disease: A Pictorial Essay**
Francesco Ferrozzi, Davide Bova, Flavia de Chiara, Giacomo Garlaschi, and Pellegrino Bassi

RADIOLOGY-PATHOLOGY CONFERENCE

65 **A 15-Year-Old Girl with a Right Leg Mass**
Douglas S. Katz, Christopher J. Vaughn, Andrew M. Goldschmidt, Bedros Markarian, Edward D. Santelli, and Zachary D. Grossman

ABSTRACTS

69 **Summaries of Selected Journal Articles**

NOTICE

76 **Radiology Courses and Meetings**

VOLUME 19, NUMBER 2, 1995

ORIGINAL ARTICLES

77 **Radiological Evaluation of the Craniocervical Junction in Bone Dysplasias and Other Related Syndromes**
R. Dominguez, P. Talmachoff, and A. Rodriguez

85 **Hypoplasia of the Right Hepatic Lobe with Ectopy of the Gallbladder**
Yousuke Kakitsubata, Sachiko Kakitsubata, and Katsushi Watanabe

88 **Intrahepatic, Extramedullary Hematopoiesis Mimicking Hemangioma on Technetium-99m Red Blood Cell SPECT Examination**
Eric P. Tamm, Lindsey S. Rabushka, Elliot K. Fishman, Ralph H. Hruban, Anna Mae Diehl, and Andrew Klein

92 **Sacral Insufficiency Fractures: Spectrum of Radiological Features**
Wilfred C.G. Peh, P.L. Khong, W.Y. Ho, Henry W.D. Yeung, and Keith D.K. Luk

102 **MR Demonstration of an Anomalous Muscle in a Patient with Coexistent Carpal and Ulnar Tunnel Syndrome: Case Report and Literature Summary**
Jacob Zeiss and Emery Jakab

106 **Cat-Scratch Disease: Subtle Vertebral Bone Marrow Abnormalities Demonstrated by MR Imaging and Radionuclide Bone Scan**
J. Douglas Wilson and Mauricio Castillo

109 **MR Characteristics of Low-Flow Facial Vascular Malformations in Children and Young Adults**
J. Keith Smith, Mauricio Castillo, and J. Douglas Wilson

118 **Cholelithoptysis: An Unusual Complication of Laparoscopic Cholecystectomy**
Jill Thompson, Etta Pisano, and David Warshauer

122 **Squamous Cell Carcinoma of the Thymus with Paraneoplastic Hypercalcemia**
Jose M. Negron-Soto and Phillip N. Cascade

125 **Pleurocutaneous Fistula as a Complication of Oleothorax: CT Findings in Three Patients**
Kevin J. Kirshenbaum, Robert C. Burke, Myron D. Kirshenbaum, and Robert P. Cavallino

129 **Emphysematous Gastritis in an Immunocompromised Host**
Richard J. Van Allan, Thornsten L. Krebs, Gregory M. Henzie, David E. Fermelia, and Marshall P. Fichman

REVIEW

131 **CT of Secondary Neoplasms: Unusual Structural Features—A Pictorial Essay**
Francesco Ferrozzi, Davide Bova, Flavia De Chiara, Fabio Campodonico, and Pellegrino Bassi

RADIOLOGY-PATHOLOGY CONFERENCE

138 **A 24-Year-Old Man with Diplopia and Frontal Headache**
Douglas S. Katz, Wayne B. Morris, Stephen E. Joy, Robert J. Corona, Jr., Edward D. Santelli, and Zachary D. Grossman

ABSTRACTS

143 **Summaries of Selected Journal Articles**

NOTICES

150 **Radiology Courses and Meetings**

VOLUME 19, NUMBER 3, 1995

ORIGINAL ARTICLES

153 **Cerebral Venous Thrombosis: Demonstration with Magnetic Resonance Angiography**
John J. Wasenko, James W. Holsapple, and Jeffrey A. Winfield

162 **A Rare Case of Cerebellar Glioblastoma Multiforme in Childhood: MR Imaging**
Douglas S. Katz, Larry B. Poe, Jeffrey A. Winfield, and Robert J. Corona, Jr.

165 **Breast Tumors Associated with Nipple Discharge: Correlation of Findings on Galactography and Sonography**
Soo Young Chung, Kil Woo Lee, Ki Soon Park, Yul Lee, and Sang Hoon Bae

172 **Right Atrial Tumor Arising on an Atrial Septal Aneurysm: Assessment by MR Imaging**
Jan Bogaert, Filip De Man, Frank Rademakers, Kathleen Weemaes, Johny A. Verschakelen, Hilaire De Geest, and Albert L. Baert

176 **Pseudothrombosis of the Right Ovarian Vein: Pitfall of Abdominal Spiral CT**
Philip E. Cranston, Jennifer Hamrick-Turner, James U. Morano

180 **Tuboovarian Abscess Following Transvaginal Oocyte Retrieval for In Vitro Fertilization: Imaging Appearance**
Scott D Marlowe and Anthony R. Lupetin

182 **CT Assessment of Postirradiation Changes in the Rectum and Perirectal Region**
Mototsugu Watanabe, Kazuro Sugimura, Satoru Kuroda, Hiromi Okizuka, and Tetsuya Ishida

188 **Sudeck's Dystrophy of the Hand: MR Imaging**
Guillermo E. Borré, Daniel G. Borré, Bernhard Hofer, and Erich Vögeli

193 **Periprosthetic Mycobacterial Infection: CT and Mammographic Findings**
Ruth Walsh, Mark A. Kliewer, Daniel C. Sullivan, Barbara Hertzberg, Erik K. Paulson, Mary Scott Soo, Faysal A. Saksouk, and Phyllis J. Kornguth

197 **A Possible Way to Solve Problems in CT Densitometry**
A. L. Yudin

201 **Changes in Radiological Routines Following the Introduction of Computed Tomography: A Retrospective Study from Two Norwegian Hospitals**
T. E. Gudmundsen, B. Vinje, H. Ostensen, and H. K. Pedersen

TECHNICAL NOTE

208 **Transthoracic Needle Biopsy: What Size Syringe?**
David F. Yankelevitz, David Hayt, and Claudia I. Henschke

REVIEW

210 **Pelvic Pathology after Hysterectomy: A Pictorial Essay**
Claudia J. Kasales, Jill E. Langer, and Peter H. Arger

RADIOLOGY-PATHOLOGY CONFERENCE

218 **A 41-Year-Old Guyanese Woman Is Admitted to a Hospital with Severe Hemoptysis**
Michael Macari and Antonio F. Govoni

ABSTRACTS

221 **Summaries of Selected Journal Articles**

BOOK REVIEW

228 **MRI Atlas of the Musculoskeletal System**
T. B. Moller and E. Reif (reviewed by Ludovico Dalla-Palma)

VOLUME 19, NUMBER 4, 1995

ORIGINAL ARTICLES

229 **MRI in Thorotrastosis**
Naofumi Ono, Kenji Hirai, Hiroyasu Ijyuin, Satoshi Itano, Hideya Noguchi, Kenji Sakata, Yoshinori Aoki, Tomoki Aritaka, Hirohiko Abe, and Kyuichi Tanikawa

234 **Rhabdomyosarcoma of the Paranasal Sinuses in an Adult**
Robert A. Koenigsberg, Ralph Noah, Alan Turtz, Warren Goldman, Ruth S. Holland, Roberto F. Nicosia, and Ray Lesser

237 **Computed Tomography of Hamartoma of the Epiglottis**
Stephen Eustace and James Suojanen

240 **Dynamic Evaluation of Swallowing in Patients with Cerebrovascular Accident**
Hiroyuki Irie and Charles C. Lu

244 **CT Findings of Regression in Intraabdominal Desmoplastic Small-Cell Tumor**
Huu-Ninh V. Dao and Abraham H. Dachman

247 **Colorectal Carcinoma: Evaluation with Ultrafast CT**
Hiromi Okizuka, Kazuro Sugimura, Nobuaki Shinozaki, and Kazunao Watanabe

252 **Multiplanar Display of Spiral CT Data of the Pulmonary Hila in Patients with Lung Cancer**
Anwar R. Padhani, Elliot K. Fishman, Richard F. Heitmiller, Ko-Pen Wang, Jane H. Wheeler, and Janet E. Kuhlman

258 **Asymptomatic Sacroiliitis in Inflammatory Bowel Disease: Assessment by Computed Tomography**
N. McEniff, S. Eustace, C. McCarthy, M. O'Malley, C. A. O'Morain, and S. Hamilton

263 **Magnetic Resonance Imaging of Muscle Injury**
Stuart J. Rubin, Frieda Feldman, Ronald B. Staron, Alicia Zwass, Saara Totterman, and Steven P. Meyers

270 **Diastematomyelia in Adults: Modern Imaging and Operative Treatment**
Vannemreddy S. S. V. Prasad, Ram L. S. Sengar, Barada P. Sahu, and Dinakar Immaneni

275 **Osteochondroma of the Cervical Spine: MR Findings**
Minoru Morikawa, Yuji Numaguchi, and Joseph A. Soliman

279 **Interactive Multiplanar Reformation of Conventional Two-Dimensional MR Images**
Peter L. Apicella and Scott A. Mirowitz

RADIOLOGY-PATHOLOGY CONFERENCE

283 **An 81-Year-Old Woman with a Cystic Pancreatic Mass**
Douglas S. Katz, Guido M. Scatorchia, Robert J. Botash, Todd R. Peebles, Michele T. Rooney, Edward D. Santelli, and Stuart A. Groskin

BOOK REVIEWS

289 **Ultrasound in Gastroenterology**
P. A. Dubbins and A.E.A. Joseph, editors (reviewed by Eli Kazam)

289 **Ultrasound Diagnosis of Breast Disease**
E. Tohne, D. O. Cosgrove, and J. P. Sloane (reviewed by Eli Kazam)

289 **Imaging Children**
Helen Carty, Francis Brunelle, Donald Shaw, Brian Kendall, editors (reviewed by Patricia Winchester)

290 **Differential Diagnosis in Pediatric Radiology, 2nd ed.**
Leonard E. Swischuk and Susan D. John (reviewed by Patricia Winchester)

EDITORIAL

291 **A Note of Thanks**
Joseph P. Whalen

INDEXES

293 **Author Index to Volume 19**

295 **Subject Index to Volume 19**

Volume 19 Contents